

Serial No.: 08/873,601
Filed: June 12, 1997

80. (New) A method of screening a plurality of cells, comprising:

- 21*
- a) producing a plurality of cells comprising a library of nucleic acids encoding a library of exogenous scaffolds;
 - b) introducing into said plurality of cells a library of retroviral vectors comprising nucleic acids each encoding at least a first enzyme and a second enzyme; and
 - c) screening said plurality of cells for a cell comprising at least one exogenous scaffold and exhibiting an altered phenotype,
- wherein each of said scaffolds comprises at least a first binding site and a second binding site, and wherein said first enzyme binds to said first binding site and said second enzyme binds to said second-binding site.

2 Please enter the following amended the claims:

59. (Amended) The method of claim 58 or 80, further comprising contacting said cells, prior to said screening, with a library of exogenous bioactive agent precursors.

22 60. (Amended) A method according to claim 58 or 80, wherein each said scaffold comprises at least three binding sites.

61. (Amended) A method according to claim 58 or 80, wherein each said scaffold comprises at least four binding sites.

22 62. (Amended) A method according to claim 58 or 80, wherein each said scaffold comprises at least five binding sites.

63. (Amended) A method according to claim 58 or 80, wherein said cells are mammalian cells.

64. (Amended) A method according to claim 58 or 80, wherein said scaffolds are linear.

65. (Amended) A method according to claim 58 or 80, wherein said library of nucleic acids encoding a library of exogenous scaffolds further comprises at least one targeting sequence.

Serial No.: 08/873,601
Filed: June 12, 1997

66. (Amended) A method according to claim 58 or 80, wherein said library of nucleic acids encoding a library of exogenous scaffolds further comprises at least one rescue sequence.

67. (Amended) A method according to claim 58 or 80, wherein said library of nucleic acids encoding a library of exogenous scaffolds further comprises at least one stability sequence.

68. (Amended) A method according to claim 58 or 80, wherein said library of nucleic acids encoding at least a first enzyme and a second enzyme further comprises at least one targeting sequence.

69. (Amended) A method according to claim 58 or 80, wherein said library of nucleic acids encoding at least a first enzyme and a second enzyme further comprises at least one rescue sequence.

70. (Amended) A method according to claim 58 or 80, wherein said library of nucleic acids encoding at least a first enzyme and a second enzyme further comprises at least one stability sequence.

71. (Amended) A method according to claim 58 or 80, wherein said introducing comprises retroviral infection.

72. (Amended) A method according to claim 58 or 80, wherein said method further comprises isolating said cell exhibiting an altered phenotype.

73. (Amended) A method according to claim 58 or 80 further comprising isolating said scaffold from said cell exhibiting an altered phenotype.

74. (Amended) A method according to claim 58 or 80 further comprising isolating said nucleic acid encoding said scaffold from said cell exhibiting an altered phenotype.